




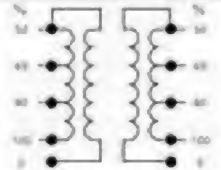

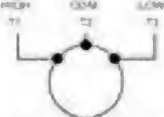



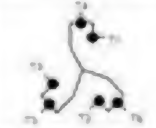





# ... INDUSTRIAL ELECTRICAL SYMBOLS ...











## TRANSFORMERS

AUTO	AIR CORE	CURRENT	CONTROL TRANSFORMER		AUTOTRANSFORMER FOR REDUCED- VOLTAGE STARTING
			SINGLE- VOLTAGE	DUAL- VOLTAGE	
					

## AC MOTORS

SINGLE- PHASE	SEPARATE PHASE, TWO-SPEED	THREE-PHASE	SEPARATE WINDING, TWO-SPEED	CONSTANT-TORQUE, TWO-SPEED
				
VARIABLE-TORQUE, TWO-SPEED	CONSTANT- HORSEPOWER, TWO-SPEED	WYE-DELTA, REDUCED- VOLTAGE	WYE-CONNECTED, PART WINDING, REDUCED-VOLTAGE	
				

## DC MOTORS

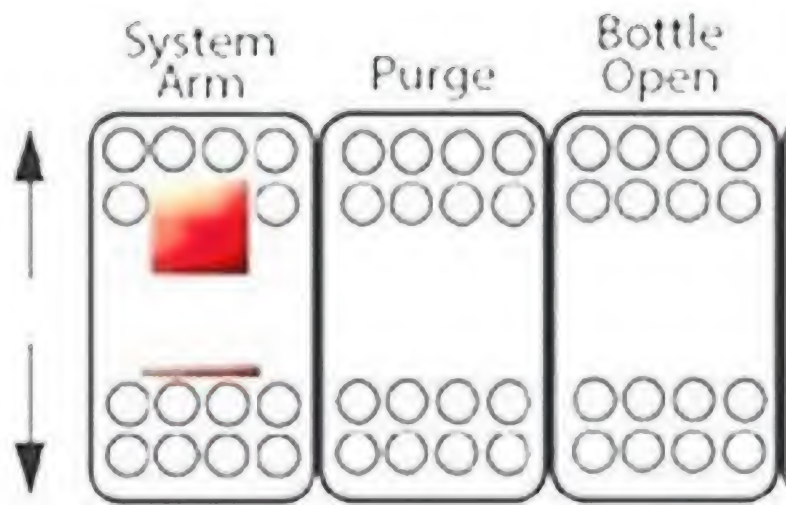
DC MOTORS				WIRING		CONNECTIONS
ARMATURE	SHUNT FIELD	SERIES FIELD	COMM OR COMPENS FIELD	NOT CONNECTED	POWER	WIRING TERMINAL
						
	SHOW 4 LOOPS	SHOW 3 LOOPS	SHOW 2 LOOPS			
				CONNECTED	CONTROL	GROUND

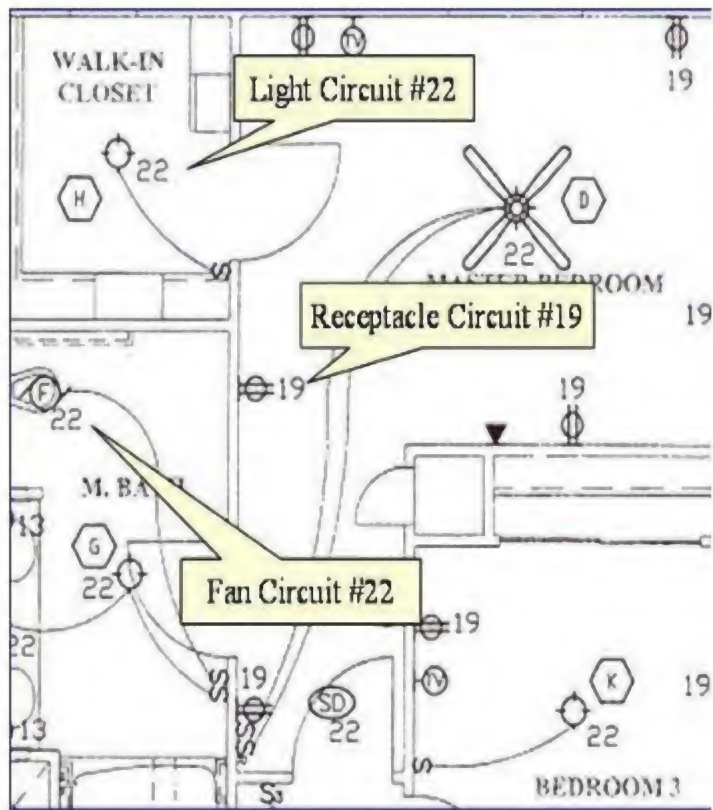
## CONTROL AND POWER CONNECTIONS-600 V OR LESS ACROSS-THE-LINE STARTERS

	1ø	2ø, 4WIRE	3ø
LINE MARKINGS	L1, L2	L1, L3 PHASE 1 L2, L4 PHASE 2	L1, L2, L3
GROUND WHEN USED	L1 IS ALWAYS UNGROUND	—	L2
MOTOR RUNNING OVERCURRENT UNITS IN	1 ELEMENT 2 ELEMENT 3 ELEMENT	— L1, L4 —	— L1, L2, L3 —
CONTROL CIRCUIT CONNECTED TO	L1, L2	L1, L3	L1, L2
FOR REVERSING INTERCHANGE LINES	—	L1, L3	L1, L2

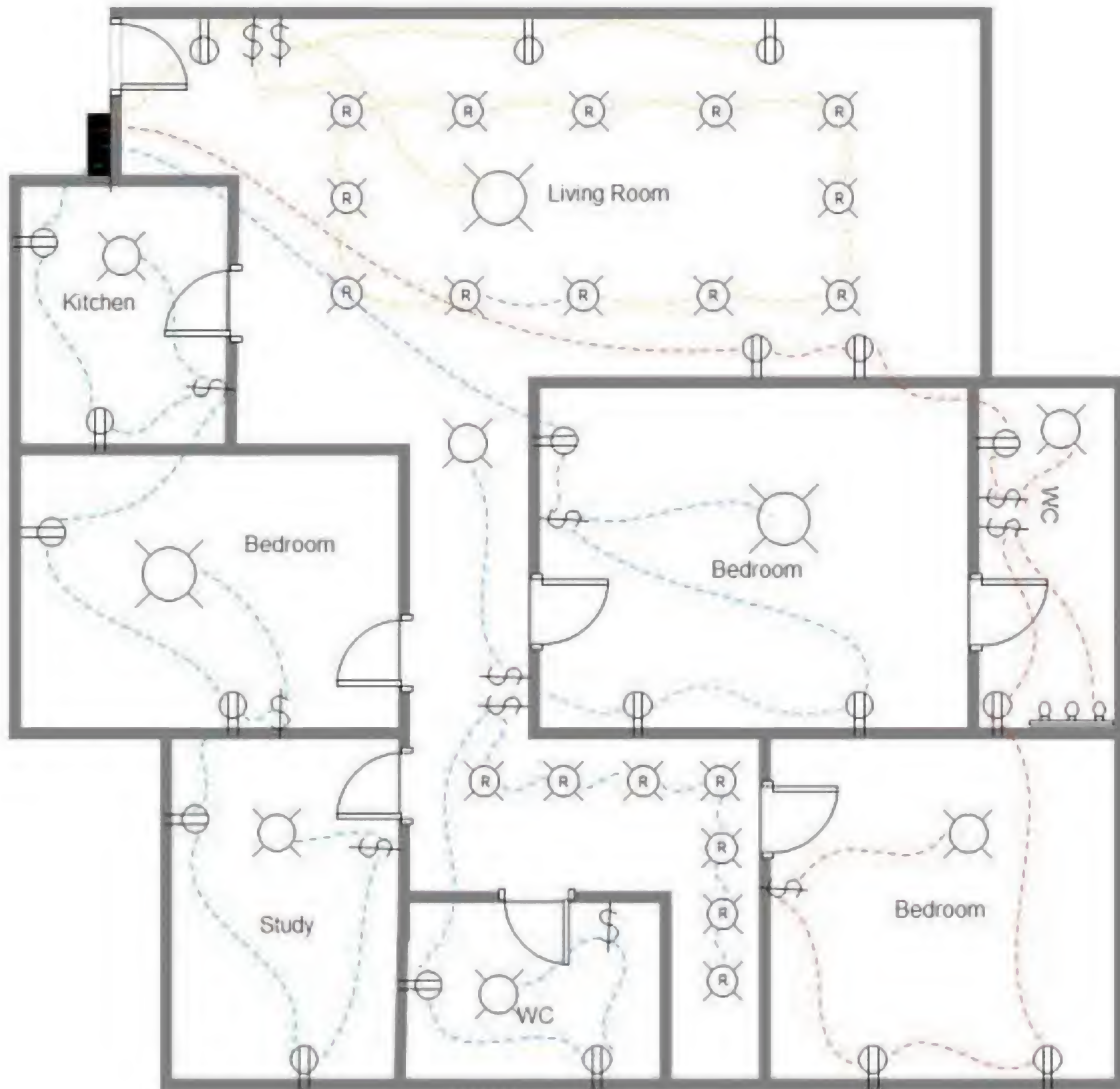


## #2 Terminal to

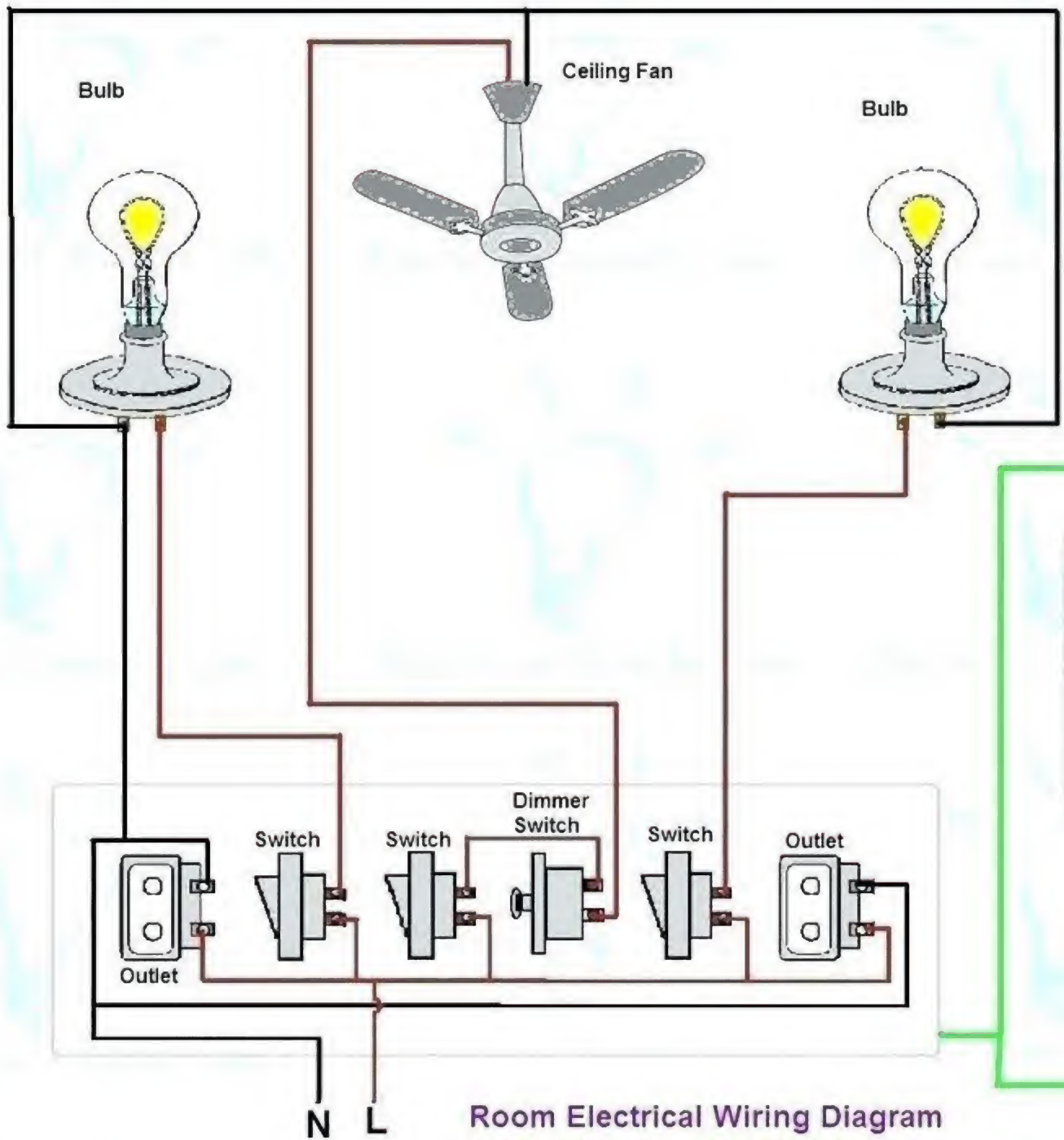




## Basement Wiring Plan







Room Electrical Wiring Diagram  
Design By Sikandar Haidar  
From [Electricalonline4u.com](http://Electricalonline4u.com) and [Electricaltutor.com](http://Electricaltutor.com)

